

Work Order ID 135949

135949

Page 1

Tuesday, August 25, 2015 1:04:15 PM

Item ID: D3456-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Washer
Start Date: 8/25/2015 Start Qty: 50.00 ***50*** Cust Item ID:
Required Date: 8/25/2015 Req'd Qty: 50.00 ***50*** Customer:
Reference:

Approvals: Process Plan: MLS Date: AUG 25 2015 Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3456	Rev A

100 PURCHASING 0.00
100
Purchasing Memo 0.00
Purchasing Issue P/O: 29656 P/N: 91525A120 per Dwg D3456 Possible
Supplier: McMaster-Carr Material release note is required

CL SEP 02 2015 50

110 Receive & Inspect for Damage & Mat'l Certs 0.00
110
Packaging Memo 0.02
Packaging Ensure Material Release Note is attached

50 DAS SEP 03 2015
06
9-89

120 QC6- Inspect dimensions to drawing 0.00
120
QC Memo 0.00
Quality Control

50 DAS SEP 08 2015
38
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

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130	Identify as per dwg & Stock Location: <i>8638k</i>	0.00							
130									
Packaging	Memo	0.01		50			DAS 6 9-89		SEP 08 2015
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.08							SEP 08 2015
Quality Control									

SA
20150908

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Picklist Print

Tuesday, August 25, 2015 1:04:19 PM

Page 1

Work Order ID: 135949

135949

Parent Item: D3456-1

D3456-1

Parent Item Name: Washer

Start Date: 8/25/2015

Required Date: 8/25/2015

Start Qty: 50.00

Required Qty: 50.00

Comments: IPP A05.10.03New issueKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
91525A120		Purchased	No			100	Each	0.0000	1	50			
91525A120									**				
washer													

SEP 04 2015

DAS
86
123

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

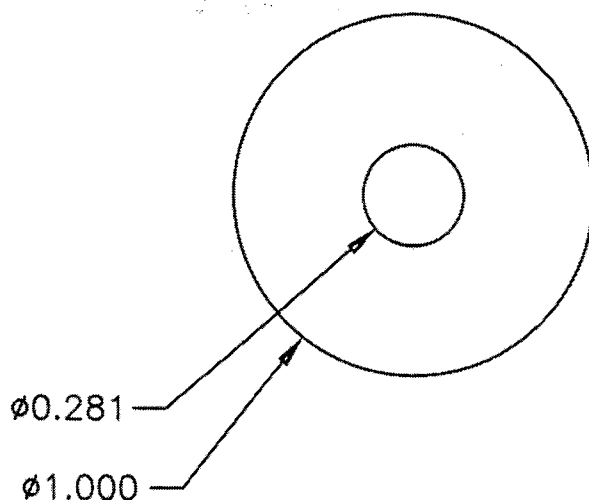
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OTHER :																																																																							



DESIGN CP	DRAWN BY CP	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D3456	REV. A SHEET 1 OF 1
DATE 05.09.01		TITLE WASHER	SCALE 2:1
A	05.09.01	NEW ISSUE	

RELEASED
05.09.06 [Signature]

SPECIFICATION CONTROL DRAWING



D3456-1 WASHER

- 1) MATERIAL: 316 STAINLESS STEEL, 0.050" THICK
- 2) MAY PURCHASE McMASTER-CARR P/N 91525A120
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

1508-25
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200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO29656

Order Placed By
Chantal Lavoie

McMaster-Carr Number
8154063-03

Page 1 of 1

09/02/2015

Line	Product	Ordered	Shipped
1	91525A120 Type 316 Stainless Steel Flat Washer, Oversized, 1/4" Screw Size, 0.281" ID, 1.000" OD, Packs of 25	2 Packs	2 ✓
2	92311A599 18-8 Stainless Steel Cup Point Set Screw, 5/16"-24 Thread, 5/8" Long, Packs of 50	5 Packs	5 ✓
3	95606A170 Nylon Flat Washer, 7/16" Screw Size, 0.500" ID, 0.688" OD, Off-White, Packs of 100	1 Pack	1 ✓
6	4330A13 Diamond Precision Needle File Set, 6-Piece, Coarse Finish, 80/100 Grit	1 Set	1 ✓
7	6191K17 4L-Section V-Belt, Trade Size 4L250, 25" Outer Circle	3 Each	3 ✓
8	2418A33 Tube Bender for Soft Metals, for 1/4" OD Tubing, 9/16" Bend Radius	1 Each	1 ✓
9	7309T1 Mildew-Resistant Sponge, 3-1/2" X 6" X 1", Yellow, Packs of 6	6 Packs	6 ✓
10	2563A13 Screw Extractor, #3, for 5/16"-7/16" (8-12 mm) Screw, Bolt, & Stud	5 Each	5 ✓
11	52735A23 Bit Adapter, Power, 1/4" Hex Male, 1/4" Square Male, 2" Length	5 Each	5 ✓
12	52735A45 Bit Adapter, Power, 1/4" Hex Male, 3/8" Square Male, 2" Length	5 Each	5 ✓
13	2660K14 Premium Brass Solenoid Valve, Buna-N Diaphragm, NC, 3/8 NPT Female, 24 VDC	2 Each	2 ✓

10/9/14 SL

Shipped separately from our Chicago warehouse on 09/02

5	1182N114 Square-Profile O-Ring, High-Temperature Silicone, Dash Number 114	1 Pack	1
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Certificate of compliance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog. Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

Sarah Weinberg

Sarah Weinberg
Compliance Manager

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
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Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO29656

Order Placed By
Chantal Lavoie

McMaster-Carr Number
8154063-02

Page 1 of 1

09/02/2015

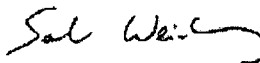
Line	Product	Ordered	Shipped
4	9928K53 Impact-Resistant UHMW Polyethylene U-Channel, 1" Base X 3/4" Legs, 1/4" Thick, 8' Long	48 Feet	48

Shipped separately from our Chicago warehouse on 09/02

5	1182N114 Square-Profile O-Ring, High-Temperature Silicone, Dash Number 114	1 Pack	1
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Sarah Weinberg
Compliance Manager